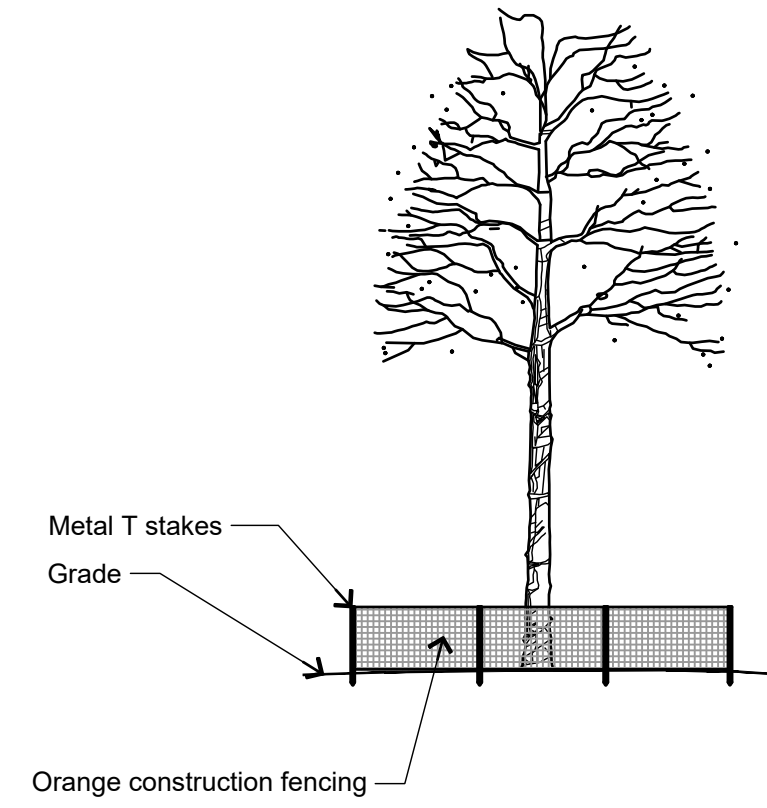
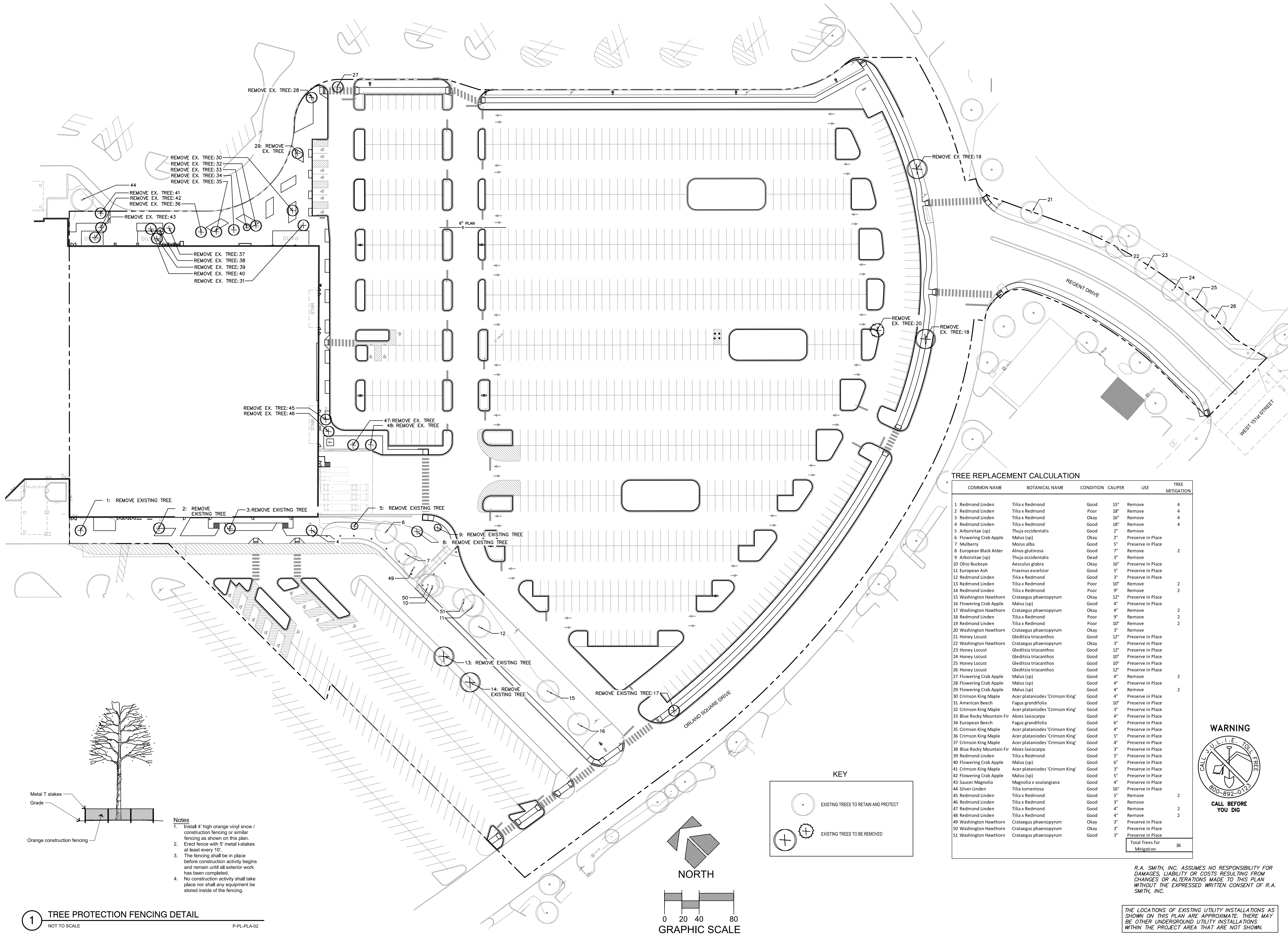




- Notes
1. Install 4' high orange vinyl snow / construction fencing or similar fencing as shown on this plan.
 2. Erect fence with 5' metal T-stakes at least every 10'.
 3. The fencing shall be in place before construction activity begins and remain until all exterior work has been completed.
 4. No construction activity shall take place nor shall any equipment be stored inside of the fencing.

1 TREE PROTECTION FENCING DETAIL

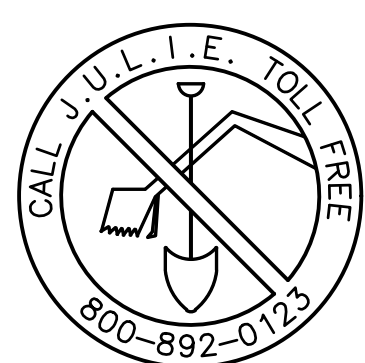
NOT TO SCALE

P-PL-PLA-02

TREE REPLACEMENT CALCULATION

COMMON NAME	BOTANICAL NAME	CONDITION	CALIPER	USE	TREE MITIGATION
1 Redmond Linden	Tilia x Redmond	Good	15"	Remove	4
2 Redmond Linden	Tilia x Redmond	Poor	18"	Remove	4
3 Redmond Linden	Tilia x Redmond	Okay	16"	Remove	4
4 Redmond Linden	Tilia x Redmond	Good	18"	Remove	4
5 Arborvitae (sp)	Thuja occidentalis	Good	2"	Remove	
6 Flowering Crab Apple	Malus (sp)	Okay	2"	Preserve in Place	
7 Mulberry	Morus alba	Good	5"	Preserve in Place	
8 European Black Alder	Alnus glutinosa	Good	7"	Remove	2
9 Arborvitae (sp)	Thuja occidentalis	Dead	3"	Remove	
10 Ohio Buckeye	Aesculus glabra	Okay	16"	Preserve in Place	
11 European Ash	Fraxinus excelsior	Good	5"	Preserve in Place	
12 Redmond Linden	Tilia x Redmond	Good	3"	Preserve in Place	
13 Redmond Linden	Tilia x Redmond	Poor	10"	Remove	2
14 Redmond Linden	Tilia x Redmond	Poor	9"	Remove	2
15 Washington Hawthorn	Crataegus phaenopyrum	Okay	12"	Preserve in Place	
16 Flowering Crab Apple	Malus (sp)	Good	4"	Preserve in Place	
17 Washington Hawthorn	Crataegus phaenopyrum	Okay	4"	Remove	2
18 Redmond Linden	Tilia x Redmond	Poor	9"	Remove	2
19 Redmond Linden	Tilia x Redmond	Poor	10"	Remove	2
20 Washington Hawthorn	Crataegus phaenopyrum	Okay	3"	Remove	
21 Honey Locust	Gleditsia triacanthos	Good	12"	Preserve in Place	
22 Washington Hawthorn	Crataegus phaenopyrum	Okay	3"	Preserve in Place	
23 Honey Locust	Gleditsia triacanthos	Good	12"	Preserve in Place	
24 Honey Locust	Gleditsia triacanthos	Good	10"	Preserve in Place	
25 Honey Locust	Gleditsia triacanthos	Good	10"	Preserve in Place	
26 Honey Locust	Gleditsia triacanthos	Good	12"	Preserve in Place	
27 Flowering Crab Apple	Malus (sp)	Good	4"	Remove	2
28 Flowering Crab Apple	Malus (sp)	Good	4"	Preserve in Place	
29 Flowering Crab Apple	Malus (sp)	Good	4"	Remove	2
30 Crimson King Maple	Acer platanoides 'Crimson King'	Good	4"	Preserve in Place	
31 American Beech	Fagus grandifolia	Good	10"	Preserve in Place	
32 Crimson King Maple	Acer platanoides 'Crimson King'	Good	3"	Preserve in Place	
33 Blue Rocky Mountain Fir	Abies lasiocarpa	Good	4"	Preserve in Place	
34 European Beech	Fagus grandifolia	Good	6"	Preserve in Place	
35 Crimson King Maple	Acer platanoides 'Crimson King'	Good	4"	Preserve in Place	
36 Crimson King Maple	Acer platanoides 'Crimson King'	Good	5"	Preserve in Place	
37 Crimson King Maple	Acer platanoides 'Crimson King'	Good	4"	Preserve in Place	
38 Blue Rocky Mountain Fir	Abies lasiocarpa	Good	3"	Preserve in Place	
39 Redmond Linden	Tilia x Redmond	Good	5"	Preserve in Place	
40 Flowering Crab Apple	Malus (sp)	Good	6"	Preserve in Place	
41 Crimson King Maple	Acer platanoides 'Crimson King'	Good	3"	Preserve in Place	
42 Flowering Crab Apple	Malus (sp)	Good	5"	Preserve in Place	
43 Sauer Magnolia	Magnolia x soulangiana	Good	4"	Preserve in Place	
44 Silver Linden	Tilia tomentosa	Good	16"	Preserve in Place	
45 Redmond Linden	Tilia x Redmond	Good	5"	Remove	2
46 Redmond Linden	Tilia x Redmond	Good	3"	Remove	
47 Redmond Linden	Tilia x Redmond	Good	4"	Remove	2
48 Redmond Linden	Tilia x Redmond	Good	4"	Remove	2
49 Washington Hawthorn	Crataegus phaenopyrum	Okay	3"	Preserve in Place	
50 Washington Hawthorn	Crataegus phaenopyrum	Okay	3"	Preserve in Place	
51 Washington Hawthorn	Crataegus phaenopyrum	Good	3"	Preserve in Place	
Total Trees for Mitigation					38

WARNING



CALL BEFORE YOU DIG

R.A. SMITH, INC. ASSUMES NO RESPONSIBILITY FOR DAMAGES, LIABILITY OR COSTS RESULTING FROM CHANGES OR ALTERATIONS MADE TO THIS PLAN WITHOUT THE EXPRESSED WRITTEN CONSENT OF R.A. SMITH, INC.

THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS AS SHOWN ON THIS PLAN ARE APPROXIMATE. THERE MAY BE OTHER UNDERGROUND UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

DESCRIPTION

DATE



SERITAGE
GROWTH PROPERTIES

SITE CIVIL ENGINEER:
R.A. SMITH, INC.
16475 W. BLUEMOUND ROAD
SUITE 200
BROOKFIELD, WI 53005
PH: 262/781-1000

raSmith
CREATIVITY BEYOND ENGINEERING
rasmith.com

SERITAGE REDEVELOPMENT - ORLAND SQUARE
2 ORLAND SQUARE DRIVE
VILLAGE OF ORLAND PARK, ORLAND TOWNSHIP, COOK COUNTY, IL

TREE MITIGATION PLAN

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R.A. Smith, Inc.

DATE: 03-19-19

SCALE: 1" = 40'

JOB NO. 3170138

PROJECT MANAGER:
JEFFREY T. NANCE

DESIGNED BY: RZT/CNS

CHECKED BY: CNS

SHEET NUMBER
L106